

Influenza Session

Emmanuel (Chip) Walter, MD, MPH

Chair, Influenza Work Group

Advisory Committee on Immunization Practices

June 20, 2018

Influenza Work Group

ACIP Members

Emmanuel (Chip) Walter (Chair)
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Karin Bok (HHS)
David Cho (FDA)
Cynthia Nolletti (FDA)
Roshan Ramanathan (FDA)
Chris Roberts (NIH)

Consultants

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Liaison Representatives

Kevin Ault (ACOG)
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Sarah Despres (Consumer representative)
Buddy Creech (PIDS)
Sandra Fryhofer (ACP; AMA)
Ian Gemmill (NACI)
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Kathy Neuzil (IDSA)
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Rob Schechter (AIM)
Ken Schmader (AGS)
Patsy Stinchfield (NAPNAP)
Rob Stirling (NACI)
Tamara Sheffield (AHIP)
Matthew Zahn (NACCHO)

Recap of Influenza Session, February 2018

- Presentation from GlaxoSmithKline of results of an RCT of Fluarix Quadrivalent for children 6 through 35 months of age
- U.S. influenza surveillance and vaccine effectiveness updates
- LAIV topics
 - Presentation from MedImmune of study of shedding and immunogenicity of LAIV4 containing a new H1N1pdm09-like virus
 - Presentation of combined U.S. individual-patient level analysis and systematic review of LAIV effectiveness
 - Vote for recommendation of use of LAIV4 for the 2018-19 season

Workgroup Activities Since February 2018

- Preview and discussion of
 - U.S. vaccine effectiveness estimates from CDC
 - U.S. Influenza Vaccine Effectiveness (U.S. Flu VE) Network
 - U.S. Hospitalized Influenza Vaccine Effectiveness Network (HAIVEN)
 - FDA study of relative effectiveness of cell-culture based vs. egg-based vaccines
 - 2017-18 influenza vaccine safety surveillance update
 - Seqirus study of quadrivalent adjuvanted inactivated influenza vaccine for young children
- Review and drafting of ACIP recommendations documents for the 2018-19 season

Maternal Influenza Sub-Working Group

- Formation of Maternal Influenza Immunization Sub-Working group
 - Purpose: provide advice on study of spontaneous abortion (SAB) following IIV
 - Met in April; reviewed protocol for the VSD-SAB study and provided recommendations for secondary analyses and sensitivity analyses

Agenda Overview

- **Vaccine Effectiveness Update (U.S. Flu VE Network and HAIVEN)**
 - Dr. Brendan Flannery (CDC/NCIRD/Influenza Division)
- **Relative Effectiveness of Cell-Cultures vs. Egg-Based Influenza Vaccines, 2017-18**
 - Dr. Yun Lu (FDA)
- **Influenza End-of-Season Update: 2017-2018 Influenza Vaccine Safety Monitoring**
 - Dr. Tom Shimabukuro (CDC/NCEZID/Immunization Safety Office)
- **Narcolepsy Following Adjuvanted Monovalent Pandemic H1N1 Influenza Vaccines: Results of the SOMNIA Study**
 - Dr. Tom Shimabukuro (CDC/NCEZID/Immunization Safety Office)
- **Adjuvanted Quadrivalent Influenza vaccine (aQIV) in young children**
 - Dr. Gregg Sylvester (Seqirus)
- **WG considerations; 2018-19 recommendations**
 - Dr. Lisa Grohskopf (CDC/NCIRD/Influenza Division)